

APPARATUS AND METHOD FOR PROVIDING A SLIDING DOOR
MECHANISM

ABSTRACT

5 A hinge assembly for coupling a sliding door of a vehicle to a
drive unit for sliding the sliding door from an open position to a closed position,
the drive unit causing the hinge assembly to slide within a guide track as the
door moves between the open position and the closed position, the hinge
assembly comprising: a first hinge portion; a second hinge portion, the first
10 hinge portion being pivotally secured to the second hinge portion; a cable
attachment being secured to the second hinge portion; and a guide surface
disposed on a surface of the first hinge portion, the guide surface being
configured to make contact with a portion of a cable having an end secured to
the cable attachment when the second hinge portion is in a first orientation with
15 respect to the first hinge portion position and the cable no longer makes contact
with the guide surface as the second hinge portion moves from the first
orientation to a second orientation with respect to the first hinge portion.